Also published as:

CN1942501 (A)

## Modified open cell foam containing nanoparticles for e.g. automobile and cleaning applications, has specified density, pore diameter, surface area and sound absorption

Publication number: DE102004019708

Publication date:

2005-11-17

Inventor:

STORK MARTIN (DE); EHRENSTEIN MORITZ (DE);

BREINER THOMAS (DE); POPPE ANDREAS (DE)

Applicant:

BASF AG (DE)

Classification:

- international:

C08G18/38; C08G18/79; C08G18/80; C08J9/00; C08J9/224; C08L61/00; C08L75/04; C08G18/00; C08J9/00; C08L61/00; C08L75/00; (IPC1-7):

C08J9/224; C08L61/00; C08L75/04

. - European:

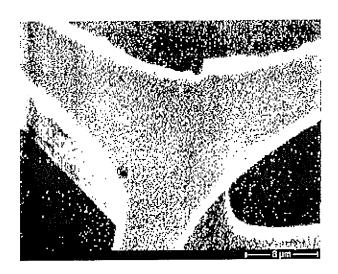
C08G18/38N2; C08G18/79D4; C08G18/80H4;

C08G18/80H8N; C08J9/00M; C08J9/00P

Application number: DE200410019708 20040420 Priority number(s): DE200410019708 20040420

## Abstract of DE102004019708

The foam has the following properties. Density 5-1000 kg/m3, mean pore diameter 1 mu m - 1 mm, a BET surface area of 0.1-50 m2/g and sound absorption exceeding 50% at a frequency of 2000 Hz at a layer thickness of 50 mm. It contains 1-4000 ppm, related to the weight of the unmodified open cell foam, of fixed particles (b) with a mean diameter (numerical mean) of 5 nm to 900 nm. - An INDEPENDENT CLAIM is included for the method of manufacturing the corresponding foam.



Data supplied from the esp@cenet database - Worldwide